Sequence Listing

SEQ ID NO: 1: SAP amino acid sequence

A G K T F P D V P A D H W G I D

S I N Y L V E K G A V K G N D

K G M F E P G K E L T R A E A

A T M M A Q I L N L P I D K D

A K P S F A D S Q G Q W Y T P

F I A A V E K A G V I K G T G

N G F E P N G K I D R V S M A

S L L V E A Y K L D T K V N G

T P A T K F K D L E T L N W G

K E K A N I L V E L G I S V G

T G D Q W E P K K T V T K A E

A A Q F I A K T D K Q F G T E

A A K V E S A K A V T T Q K V

E V K F S K A V E K L T K E D

I K V T N K A N N D K V L V K

E V T L S E D K R S A T V E L

Y S N L A A K Q T Y T V D V N

K V G K T E V A V G S L E A K

T I E M A D Q T V V A D E P T

A L Q F T V K D E N G T E V V

S P E G I E F V T P A A E K I

N A K G E I T L A K G T S T T

V K A V Y K K D G K V V A E S

K E V K V S A E G A A V A S I

S N W T V A E Q N K A D F T S

K D F K Q N N K V Y E G D N A

Y V Q V E L K D Q F N A V T T

G K V E Y E S L N T E V A V V

D K A T G K V T V L S A G K A

P V K V T V K D S K G K A L V

S H T V E I E A F A Q K A M K

D I K L E K T N V A L S T K D

V T D L K V K A P V L D Q Y G

K E F T A P V T V K V L D K D

G K E L K E Q K L E A K Y V N

R E L V L N A A G Q E A G N Y

T V V L T A K S G E K E A K A

T L A L E L K A P G A F S K F

E V R G L D T E L D K Y V T E

E N Q K N A M T V S V L P V D

A N G L V L K G A E A A E L K

V T T T N K E G K E V D A T D

A Q V T V Q N N S V I T V G Q

G A K A G E T Y K V T V V L D

G K L I T T H S F K V V D T A

P T A K G L A V E F T S T S L

K E V A P N A D L K A A L L N

I L S V D G V P A T T A K A T

A S N V E F V S A D T N V V A

E N G T V G A K G A T S I Y V

K N L T V V K D G K E Q K V E

F D K A V Q V A V S I K E A K

P A T K

SEQ ID NO: 2 SAP nucleotide sequence

AAAACATTCCCAGACGTTCCTGCTGATCACTG
GGGAATTGATTCCATTAACTACTTAGTAGAAAAAGGCGCAGTTAAAGGTA
ACGACAAAGGAATGTTCGAGCCTGGAAAAGAATTAACTCGTGCAGAAGCA
GCTACAATGATGGCTCAAATCTTAAACTTACCAATCGATAAAGATGCTAA
ACCATCTTTCGCTGACTCTCAAGGCCAATGGTACACTCCATTCATCGCAG
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CAAATTAGATACTAAAGTAAACGGTACTCCAGCAACTAAATTCAAAGATT
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AACAAAACAATAAAGTTTACGAAGGCGACAACGCTTACGTTCAAGTAGAA
TTGAAAGATCAATTTAACGCAGTAACAACTGGAAAAGTTGAATATGAGTC
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GCAAAATCTGGTGAAAAAGAAGCAAAAGCTACATTAGCTCTAGAATTAAA
AGCTCCAGGTGCATTCTCTAAATTTGAAGTTCGTGGTTTAGACACAGAAT
TAGATAAATATGTTACTGAGGAAAACCAAAAGAATGCAATGACTGTTTCA
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TGAACTAAAAGTAACAACAACAAACAAAGAAGGTAAAGAAGTAGACGCAA
CTGATGCACAAGTTACTGTACAAAATAACAGTGTAATTACTGTTGGTCAA
GGTGCAAAAGCTGGTGAGACTTATAAAGTAACAGTTGTACTAGATGGTAA
ATTAATCACAACTCATTCATTCAAAGTTGTTGATACAGCACCAACTGCTA
AAGGATTAGCAGTAGAATTTACAAGCACATCTCTTAAAGAAGTAGCTCCA
AATGCTGATTTAAAAGCTGCACTTTTAAATATCTTATCTGTTGATGGTGT
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CTGACACAAATGTTGTAGCTGAAAATGGTACAGTTGGTGCAAAAGGTGCA
ACATCTATCTATGTGAAAAACCTGACAGTTGTAAAAGATGGAAAAGAGCA
AAAAGTAGAATTTGATAAAGCTGTACAAGTTGCAGTTTCTATTAAAGAAG

CAAAACCTGCAACAAAACATCACCATCACCATCACTAA